

Work Order ID 163075***163075***

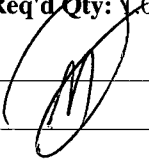
Page 1

Wednesday, June 21, 2017 10:51:40 AM

Item ID: D5337-012 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Basket Assembly, RH

Start Date: 7/17/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 7/20/2017 Req'd Qty: 1.00 ***1*** Customer:

Reference:

Approvals: Process Plan:  Date: JUN 21 2017 Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D5337	A

100	Pick Kit	0.00
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100

Packaging	Memo	0.00
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Packaging

DAS
6
9-89
JUL 25 2017

110	Assemble as per dwg	0.00
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110

HandFinish	Memo	2.15
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Hand Finishing

14 DAS
43
9-89
JUL 26 2017

120	QC5- Inspect part completeness to step on W/O	0.00
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120

QC	Memo	0.02
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Quality Control

1 DAS
38
9-89
JUL 26 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QS1042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
										QC / QA Coordinator Approval															
Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
Misidentified ☐	Past Due ☐																								

Work Order ID 163075***163075***

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Wednesday, June 21, 2017 10:51:40 AM

Item ID: D5337-012 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Basket Assembly, RH
Start Date: 7/17/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 7/20/2017 Req'd Qty: 1.00 ***1*** Customer:
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QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

130

Packaging

Packaging

Identify as per dwg & Stock Location: _____

Memo

0.00
PPP163075
0.01*1X*DAS
28
9-89

JUL 26 2017

140

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.10

*17/7/26**(Signature)*
JUL 26 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐				FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
				OTHER : ☐					

Picklist Print

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Page 1

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 15.10.15 NEW ISSUE DD VERF:JLM IPP
REV:B 15.12.21 PA3 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2535		Manufactured	No			100	Each	55.0000	2	2			
D2535									**				
Spring													
Location Loc Qty Loc Code													
				ST008				55					
				158095				30		2			
				160128				25					
D2537		Manufactured	No			100	Each	59.0000	2	2			
D2537									**				
Bushing													
Location Loc Qty Loc Code													
				ST008				59					
				155579				9					
				161757				50		2			
D2690-6		Manufactured	No			100	Each	24.0000	1	1			
D2690-6									**				
Lanyard													
Location Loc Qty Loc Code													
				ST009				24					
				159568				24		162919			
D3917-3		Manufactured	No			100	Each	126.0000	10	10			
D3917-3									**				
Washer													
Location Loc Qty Loc Code													
				ST056				126					
				161304				102		10			
				162882				24					

DAS 6 9-89 JUL 25 2017

DAS 6 9-89 JUL 25 2017

DAS 6 9-89 JUL 25 2017

JUL 25 2017

DAS 6 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 2

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-3 Manufactured No

100 Each 79.0000 2 2

D3953-3

Gas Spring Stud, Lid

**

S
DAS
69
9-89

JUL 25 2017

Location	Loc Qty	Loc Code
ST060	19	
158669	19	
ST60A	60	
160625	60	

2

D3953-7 Manufactured No

100 Each 55.0000 2 2

D3953-7

Spring Spacer

**

DAS
6
9-89

JUL 25 2017

Location	Loc Qty	Loc Code
ST060	29	
154160	29	
ST064A	26	
155761	26	

2

D3953-9 Manufactured No

100 Each 74.0000 2 2

D3953-9

Gas Spring Washer

**

DAS
6
9-89

JUL 25 2017

Location	Loc Qty	Loc Code
ST060	74	
158715	27	
161969	47	

2

D3953-17 Manufactured No

100 Each 21.0000 2 2

D3953-17

Gas Spring Spacer

**

DAS
6
9-89

JUL 25 2017

Location	Loc Qty	Loc Code
ST060	21	
159089	21	

2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																							
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Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
OTHER : ☐																																																															

Picklist Print

Wednesday, June 21, 2017 10:51:39 AM

Page 3

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-19 Manufactured No

100

Each

22.0000

1

1

DAS
6
9-89

D3953-19

Gas Spring Bracket

**

JUL 25 2017

Location

Loc Qty

Loc Code

ST060

1

155258

1

ST064A

21

154207

0

159087

21

162869 DAS
6
9-89

JUL 25 2017

D3953-21 Manufactured No

100

Each

26.0000

1

1

DAS
6
9-89

D3953-21

Gas Spring Bracket

**

Location

Loc Qty

Loc Code

ST061

26

159096

14

161927

12

1 DAS
6
9-89

JUL 25 2017

D3969-7 Manufactured No

100

Each

4.0000

1

1

DAS
6
9-89

D3969-7

Spring (Basket Lid)

**

Location

Loc Qty

Loc Code

ST364

4

159164

4

1

** 159161 DAS
6
9-89

JUL 25 2017

D5319-200 Manufactured No

100

Each

0.0000

1

1

D5319-200

Placard, Max Load

**

-175

DAS 03 9-89
17-6-20

Wednesday, June 21, 2017 10:51:39 AM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
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Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
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Picklist Print

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Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

D5322-041

Manufactured No

100 Each 3.0000 1 1

JUL 25 2017

D5322-041
Handle Weldment

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST368

3

158828

1

159809

2

D5323-1

Manufactured No

100 Each 14.0000 4 4

D5323-1
Bumper

**

DAS
6
9-89 JUL 25 2017

Location

Loc Qty

Loc Code

ST164

14

159314

14

D5324-1

Manufactured No

100 Each 3.0000 1 1

D5324-1
Drag Bracket

**

DAS
6
9-89 JUL 25 2017

Location

Loc Qty

Loc Code

ST164

3

158844

1

159810

2

D5331-042

Manufactured No

100 Each 0.0000 1 1

D5331-042
Basket Base Assembly, RH

**

B163077 (1x) all 17/07/17

D5336-041

Manufactured No

100 Each 0.0000 1 1

D5336-041
Basket Lid Assembly

**

B163078 (1x) all 17/07/17

D5336-044

Manufactured No

100 Each 0.0000 1 1

D5336-044
Basket Lid Assembly, RH

**

B163079 (1x) all 17/07/17

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Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

Picklist Print

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Page 5

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

AN3-7A Purchased No

100 Each 237.0000 2 2

AN3-7A

Bolt

**

DAS

6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

ST349

237

m137164

237

2

AN3-13A Purchased No

100 Each 61.0000 4 4

AN3-13A

Bolt

**

DAS

6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

11

m127070

11

ST349

50

m137886

50

4

AN3-16A Purchased No

100 Each 91.0000 2 2

AN3-16A

Bolt

**

DAS

6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

37

117441

37

over003

50

M137699

50

2

ST348

4

M137371

4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date: _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

Picklist Print

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Page 6

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

AN310C4
AN310C4
Nut

Purchased No 100 Each 59.0000 2 2

**

DAS

6

9-89

JUL 25 2017

Location	Loc Qty	Loc Code
ST331	59	
M135895	1	
M137361	33	
M137412	25	

AN310-4
AN310-4
Nut

Purchased No 100 Each 112.0000 5 5

**

DAS

6

9-89

JUL 25 2017

Location	Loc Qty	Loc Code
GA	25	
M127815	25	
ST331	87	
M137361	37	
M137735	50	

AN4-12
AN4-12
Bolt

Purchased No 100 Each 87.0000 5 5

**

DAS

6

9-89

JUL 25 2017

Location	Loc Qty	Loc Code
over003	40	
m136199	40	
ST334	47	
m137659	47	

AN416-2
AN416-2
Retaining Pin

Purchased No 100 Each 18.0000 1 1

**

DAS

6

9-89

JUL 25 2017

Location	Loc Qty	Loc Code
ST330	18	
m133748	18	

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Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			OTHER : _____																	

Picklist Print

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Page 7

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

AN5-17A Purchased No

100 Each 150.0000 4 4

AN5-17A

Bolt

**

DAS

6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA 20

117872 20

over003 75

m137710 75

ST337 55

m137412 55

MS20600-AD4W3 Purchased No

100 Each 458.0000 4 4

MS20600-AD4W3

Cherry Rivet

**

DAS

6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

CCK004 300

m137412 300

ST308 98

m135603 98

WA003 60

m136648 60

MS20392-3R33 Purchased No

100 Each 8.0000 1 1

MS20392-3R33

Pin

**

DAS

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

FP001 8

m133931 8

MS1784-C410

qty 1

17.07.26

138040

DAS

6

9-89

JUL 16 2017

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Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval ☐																	
Description Work Order Deviation		Disposition		Completed By _____																	
				Lead hand / Supervisor Approval Verification ☐																	
				QC / QA Coordinator Approval ☐																	
<table style="width:100%; border: none;"> <tr> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">Root Cause</td> <td colspan="3" style="text-align: center; border-bottom: 1px solid black;">FAULT CATEGORY</td> </tr> <tr> <td style="width:15%; vertical-align: top;"> Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:15%; vertical-align: top;"> No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> <td style="width:20%; vertical-align: top;"> Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ </td> <td style="width:20%; vertical-align: top;"> Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ </td> <td style="width:20%; vertical-align: top;"> Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ </td> <td style="width:20%; vertical-align: top;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> </tr> <tr> <td colspan="4" style="border: none;"> OTHER : ☐ _____ </td> </tr> </table>					Root Cause		FAULT CATEGORY			Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐ _____					
Root Cause		FAULT CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : ☐ _____																					

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Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

100

Each

1,707.000

8

8

MS21042L3

Nut

**

DAS
6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

FP001

79

m135945

79

GA

394

m134360

102

M136665

292

OVER007

500

m134360

0

m137886

500

ST303

734

m137495

14

m137680

720

8

MS21042L5

Purchased

No

100

Each

619.0000

4

4

MS21042L5

Nut

**

DAS
6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

12

m127813

12

ST303

607

m137478

107

m137587

500

4

MS24665-151

Purchased

No

100

Each

108.0000

5

5

MS24665-151

Cotter Pin

**

DAS
6

9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

60

m128401

60

ST289

48

m137391

48

5

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Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

MS24665-300

Purchased

No

100

Each

102.0000

2

2

MS24665-300

COTTER PIN

**

DAS

6
9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

28

118234

28

ST288

74

m137391

74

NAS1149F0332P

Purchased

No

100

Each

2,550.000

12

12

NAS1149F0332P

Washer

**

DAS

6
9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

275

m133709

275

ST262

2275

m137412

275

m137710

2000

NAS1149C0432R

Purchased

No

100

Each

1,254.000

2

2

NAS1149C0432R

WASHER

**

DAS

6
9-89

JUL 25 2017

Location

Loc Qty

Loc Code

GA

341

m134676

341

ST266

913

m136986

19

m137459

894

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Page 9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date: _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Page 10

Work Order ID: 163075

163075

Parent Item: D5337-012

D5337-012

Parent Item Name: Basket Assembly, RH

Start Date: 7/17/2017

Required Date: 7/20/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN432P Purchased No

100 Each 166.0000 4 4

NAS1149FN432P

Washer, #4

**

JUL 25 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST264

166

120306

166

NAS1149F0432P Purchased No

100 Each 1,125.0000 11 11

NAS1149F0432P

WASHER

**

JUL 25 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST260a

1000

M137412

1000

ST262

125

M137361

125

NAS1149F0563P Purchased No

100 Each 122.0000 4 4

NAS1149F0563P

Washer

**

JUL 25 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST262

122

m136983

122

97447A010 Purchased No

100 Each 116.0000 4 4

97447A010

Blind Rivet

**

JUL 25 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST589

116

m131311

116

Wednesday, June 21, 2017 10:51:39 AM

Shop Packet Print

Page 10

DQA: _____ Date: _____



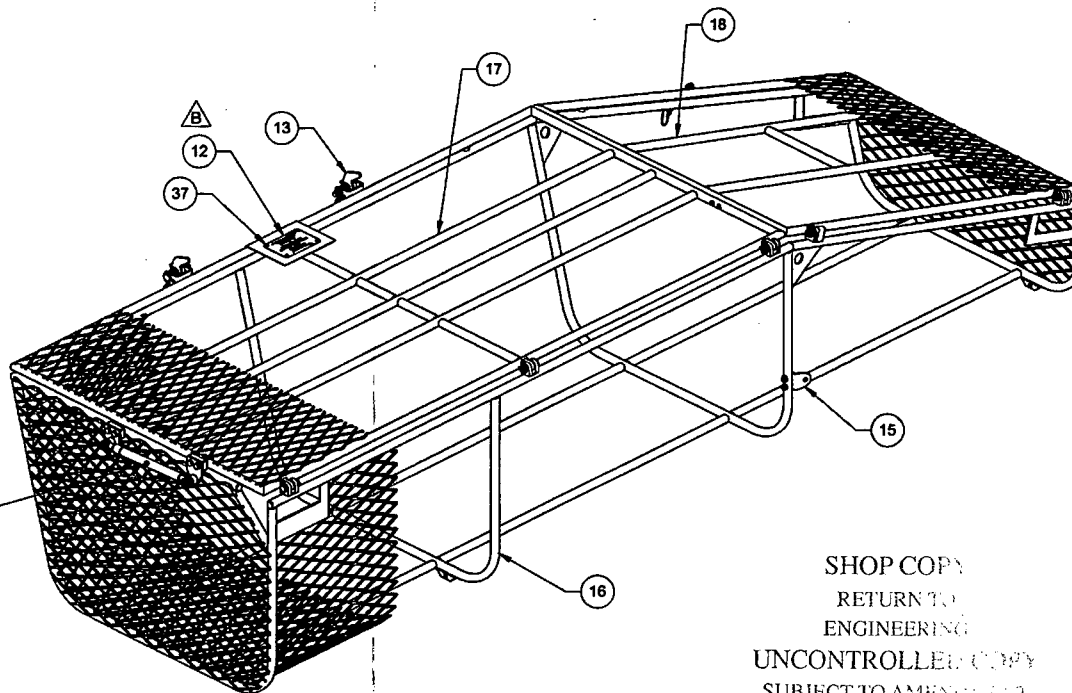
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐				Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐													
		OTHER :																							

ITEM	QTY -011	P/N	DESCRIPTION
	X	D5337-011	BASKET ASSEMBLY, LH
1	2	D2535	SPRING
2	2	D2537	BUSHING
3	1	D2690-6	LANYARD ASSEMBLY
4	10	D3917-3	WASHER
5	2	D3953-3	GAS SPRING STUD, LID
6	2	D3953-7	GAS SPRING SPACER
7	2	D3953-9	GAS SPRING WASHER
8	2	D3953-17	GAS SPRING SPACER
9	1	D3953-19	GAS SPRING BRACKET
10	1	D3953-21	GAS SPRING BRACKET
11	1	D3989-7	SPRING
12	1	D5319-175	PLACARD, MAX LOAD
13	1	D5322-041	HANDLE WELDMENT
14	4	D5323-1	BUMPER
15	1	D5324-1	DRAG BRACKET
16	1	D5331-041	BASKET BASE ASSY, LH
17	1	D5336-041	BASKET LID ASSY
18	1	D5336-043	BASKET LID ASSY, LH
19	2	AN3-7A	BOLT
20	4	AN3-13A	BOLT
21	2	AN3-16A	BOLT
22	2	AN310C4	NUT, CASTELLATED
23	5	AN310-4	NUT, CASTELLATED
24	5	AN4-12	BOLT
25	4	AN5-17A	BOLT
26	1	MS17984-C410	PIN, QUICK RELEASE
27	4	MS20600AD4W3	RIVET, BLIND
28	8	MS21042L3	NUT, SELF-LOCKING
29	4	MS21042L5	NUT, SELF-LOCKING
30	5	MS24665-151	COTTER PIN
31	2	MS24665-300	COTTER PIN
32	12	NAS1149F0332P	WASHER
33	2	NAS1149C0432R	WASHER
34	4	NAS1149FN432P	WASHER
35	10	NAS1149F0432P	WASHER
36	4	NAS1149F0563P	WASHER
37	4	97447A010	RIVET, SOLID, PAN HEAD



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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 1630754

D5337-011 BASKET ASSEMBLY, LH

JUN 21 2017

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 50.3 lbs

RELEASED
2017-03-22
ECN 17-535

APPROVED

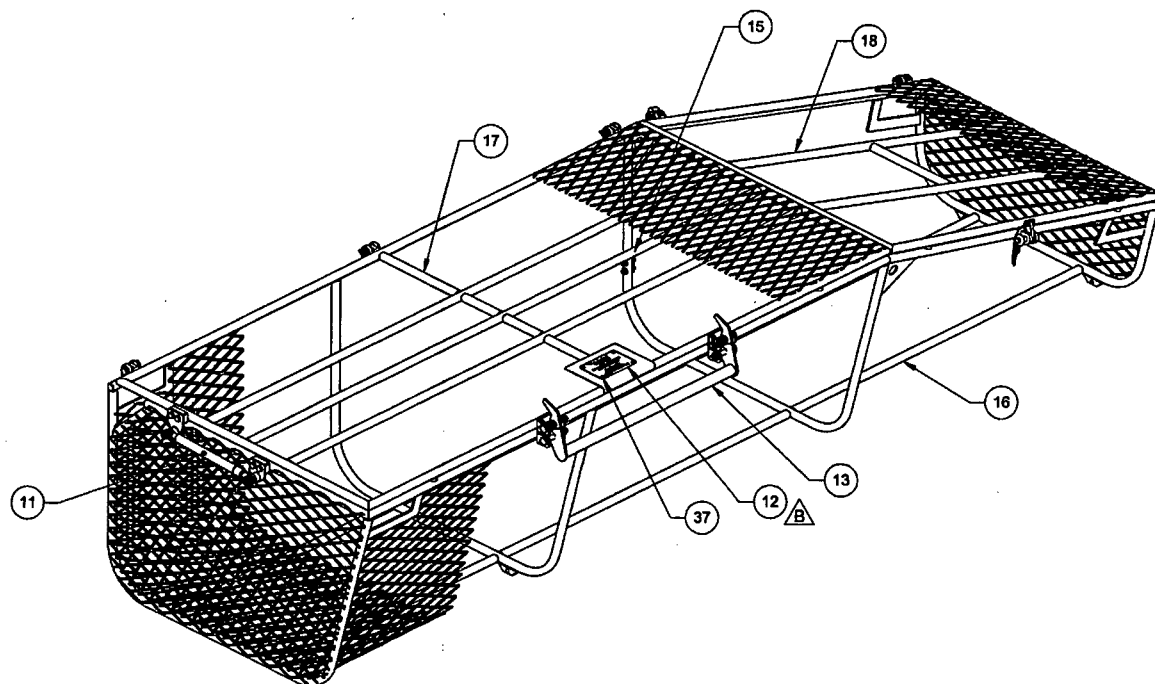
B	D5319-175 WAS D5319-200 (ZN D5-1, C2-2, C5-3, C4-4); REVISE BOMS: ADDED MS17984-C410; REMOVE AN416-2, MS20392-3R33 & NAS1149F0432P (ZN D2-3, A6-4)	RF	17.02.09
A	NEW ISSUE	RF	15.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	WK		
MFG. APPR.	DD		
APPROVED	HS		
DE APPR.	DS		
DATE	17.02.09		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV. B
D5337 SHEET 1 OF 5
TITLE SCALE
R66/R44 BASKET ASSEMBLY NTS

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ITEM	QTY 012	P/N	DESCRIPTION
	X	D5337-012	BASKET ASSEMBLY, RH
1	2	D2535	SPRING
2	2	D2537	BUSHING
3	1	D2690-6	LANYARD ASSEMBLY
4	10	D3917-3	WASHER
5	2	D3953-3	GAS SPRING STUD, LID
6	2	D3953-7	GAS SPRING SPACER
7	2	D3953-9	GAS SPRING WASHER
8	2	D3953-17	GAS SPRING SPACER
9	1	D3953-19	GAS SPRING BRACKET
10	1	D3953-21	GAS SPRING BRACKET
11	1	D3969-7	SPRING
12	1	D5318-175	PLACARD, MAX LOAD
13	1	D5322-041	HANDLE WELDMENT
14	4	D5323-1	BUMPER
15	1	D5324-1	DRAG BRACKET
16	1	D5331-042	BASKET BASE ASSY, RH
17	1	D5336-041	BASKET LID ASSY
18	1	D5336-044	BASKET LID ASSY, RH
19	2	AN3-7A	BOLT
20	4	AN3-13A	BOLT
21	2	AN3-16A	BOLT
22	2	AN310C4	NUT, CASTELLATED
23	5	AN310-4	NUT, CASTELLATED
24	5	AN4-12	BOLT
25	4	AN5-17A	BOLT
26	1	MS17984-C410	PIN, QUICK RELEASE
27	4	MS20600AD4W3	RIVET, BLIND
28	8	MS21042L3	NUT, SELF-LOCKING
29	4	MS21042L5	NUT, SELF-LOCKING
30	5	MS24665-151	COTTER PIN
31	2	MS24665-300	COTTER PIN
32	12	NAS1149F0332P	WASHER
33	2	NAS1149C0432R	WASHER
34	4	NAS1149FN432P	WASHER
35	10	NAS1149F0432P	WASHER
36	4	NAS1149F0563P	WASHER
37	4	97447A010	BLIND RIVET, PAN HEAD



D5337-012 BASKET ASSEMBLY, RH

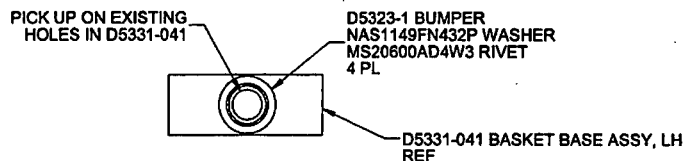
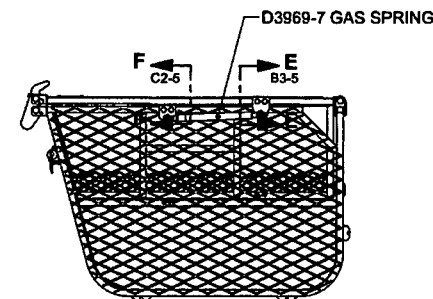
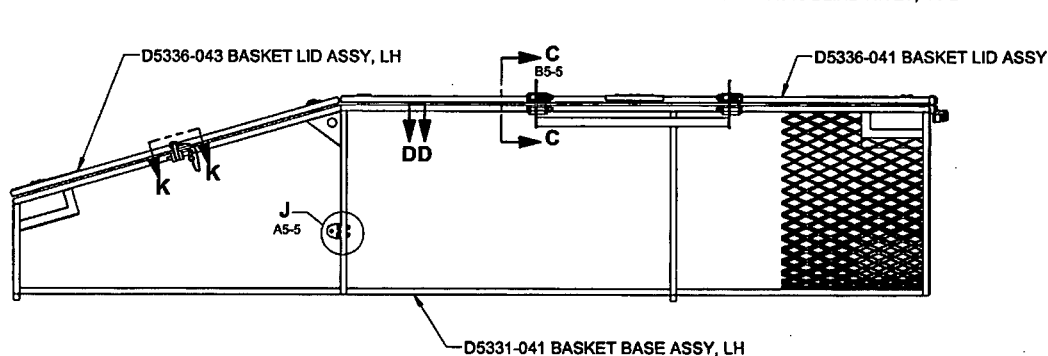
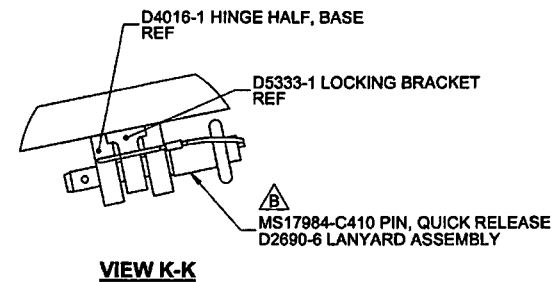
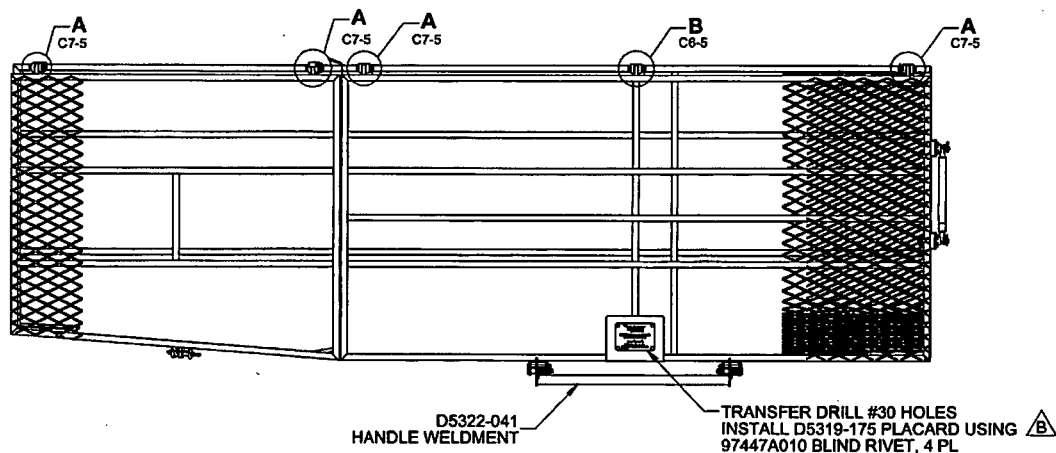
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 50.3 lbs

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2017-03-22

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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 2 OF 5
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DE APPR.	DS	R66/R44 BASKET ASSEMBLY	NTS
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VIEW D-D
(LID ASSY REMOVED FOR CLARITY)

D5337-011 BASKET ASSEMBLY, LH

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CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 3 OF 5
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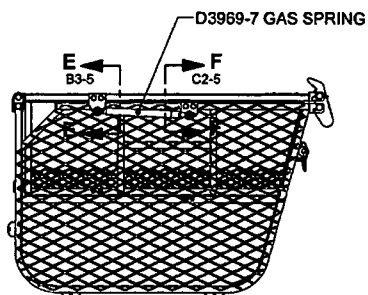
PICK UP ON EXISTING HOLES IN D5331-042

D5323-1 BUMPER
NAS1149FN432P WASHER
MS20600AD4W3 RIVET
4 PL



D5331-042 BASKET
BASE ASSY, RH
REF

VIEW H-H
(LID ASSY REMOVED FOR CLARITY)

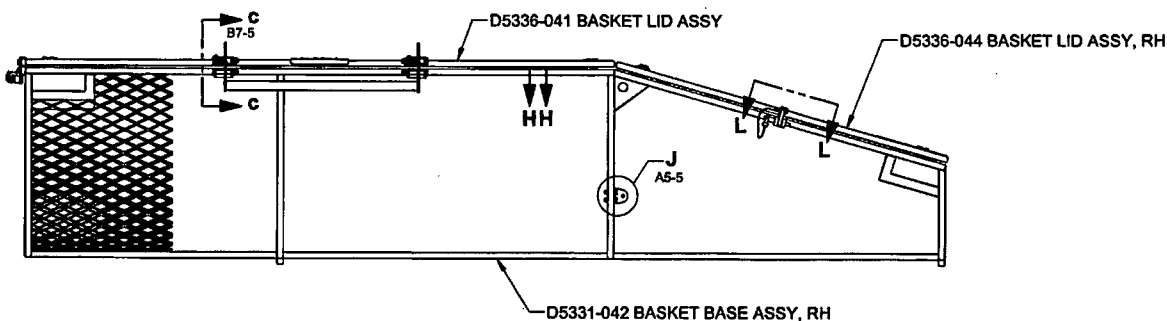
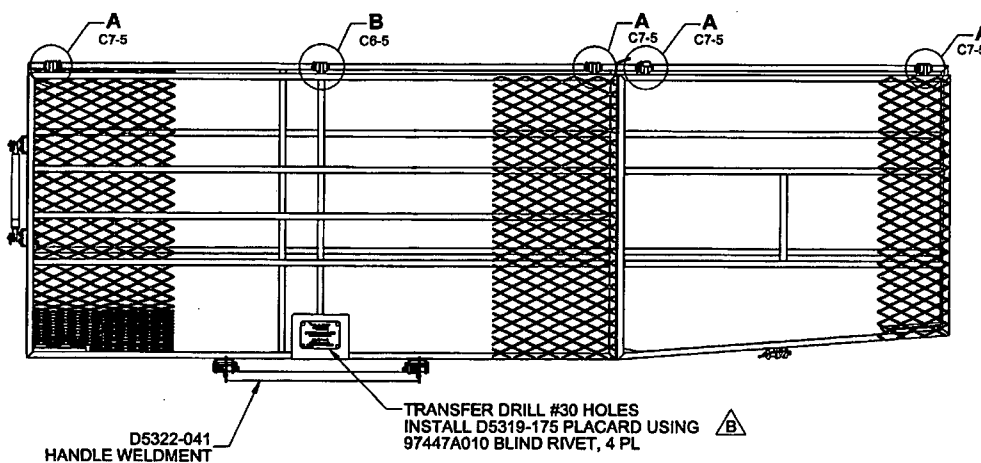


D5333-1 LOCKING BRACKET
REF

D4016-1 HINGE HALF, BASE
REF

VIEW L-L

MS17984-C410 PIN, QUICK RELEASE
D2690-6 LANYARD ASSEMBLY



D5337-012 BASKET ASSEMBLY, RH

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AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN

DETAIL A

D6-3
D3-3
D6-3
D5-4
D3-4
D2-4

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN

DETAIL B

D5-3
D4-4

D3953-21 GAS SPRING BRACKET
AN3-13A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL
D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

SECTION F-F

C2-3
B7-4

AN3-16A
MS21042L3 NUT

VIEW C-C

2 PL
D5-3
B5-4

AN5-17A BOLT
NAS1149F0563P WASHER
MS21042L5 NUT

AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

D5322-041
HANDLE WELDMENT
REF

VIEW G-G

2 PL



DETAIL J

B6-3
B3-4

D5324-1 DRAG BRACKET, REF

AN3-7A BOLT
NAS1149F0332P WASHER, 2X
MS21042L03 NUT

D3953-17 GAS SPRING SPACER
D3953-19 GAS SPRING BRACKET
AN3-13A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL
D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN
D3969-7 GAS SPRING
REF

SECTION E-E

C2-3
B7-4

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CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 5 OF 5
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